

ABSTRACT OF THE DISCLOSURE

5 A mobile communication system having plural
base stations and a radio controller configured to
control each of the base stations is disclosed.
Each of the base stations has a transmission power
notifying unit which notifies the radio controller
of downlink transmission power to mobile stations.
The radio controller includes a cell determination
10 unit which determines one cell having good
communications quality among cells provided by each
of the base stations; a reference power ratio
decision unit which decides a reference power ratio
based on the ratio of the downlink transmission
15 power to the maximum transmission power of the base
station providing the determined cell; and a
reference power ratio notifying unit which notifies
each of the base stations of the decided reference
power ratio. Each of the base stations additionally
20 has a transmission power controller which controls
the downlink transmission power so that the ratio of
the downlink transmission power to its maximum
transmission power to mobile stations approaches the
reference power ratio.
25